

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

PERMEANT
SYSTEM

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Turco Products, Inc.		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (Number, Street, City, State, and ZIP Code) 24600 South Main Street, Carson, Ca 90749		
CHEMICAL NAME AND SYNONYMS Turco Fluoro-Chem WP170		TRADE NAME AND SYNONYMS WP170
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF LIQUIDS, SOLIDS, OR GASES

	C.A.S. NUMBER	DOT SPILL CAT.	EPA WASTE NUMBER	%	TLV UNITS
Hexylene glycol	107-41-5	Un- listed	Un- listed	10	25PPM
Petroleum distillates	8012-95-1	Un- listed	Un- listed	10	Not established

Other components not defined as hazardous by US Dept. of Labor.

Carcinogens per OSHR, 5/3/73

None

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	More than	300°F	SPECIFIC GRAVITY (H ₂ O=1)	0.92
VAPOR PRESSURE (mm Hg.)	Less than	5mm	PERCENT, VOLATILE BY VOLUME (%)	Less than 5%
VAPOR DENSITY (AIR=1)	More than	1	EVAPORATION RATE (Bu. Ac. = 1)	Less than 1
SOLUBILITY IN WATER	Appreciable			
APPEARANCE AND ODOR	Clear yellow green liquid, mild odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Above 200°F Pensky Marten Closed Cup	FLAMMABLE LIMITS Unknown	Let	Ust
EXTINGUISHING MEDIA Carbon Dioxide, foam, dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES As for petroleum fires			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

DMS 1908 (GRADE 4)

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II

EFFECTS OF OVEREXPOSURE: Inhalation: Headache, nose and throat irritation. Skin contact: Skin irritation, defatting. Eyes: Severe irritation.

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove to fresh air. If breathing is difficult administer oxygen. If breathing has stopped, apply artificial respiration. Obtain medical attention. Eyes: Flush eyes with large volumes of water for 15 minutes. Obtain medical attention. Skin: Remove contaminated clothing, launder before reuse. Wash affected skin area with soap and water. If irritation persists or blistering occurs, obtain medical attention. Ingestion: Do not induce vomiting. If conscious, dilute by giving large volumes of milk or water. Never attempt to give anything by mouth to an unconscious person. Obtain medical attention immediately.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Strong oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS			
Carbon monoxide, dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Contain spillage. Ventilate area. Wipe up or absorb spillage onto absorbent material. Recover in drums for disposal.
WASTE DISPOSAL METHOD
1. Landfill under applicable local, State and regional regulations
2. Burn in a chemical furnace with appropriate fume scrubbing system
3. Transfer to reclaiming center for solvent recovery.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) If TLV is exceeded a full face mask with an organic vapor canister should be used.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
Solvent resistant gloves		Well fitting cup type or rubber frames goggles
OTHER PROTECTIVE EQUIPMENT		
Solvent resistant boots and apron (neoprene)		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Use care in opening drums to avoid spurting of contents
OTHER PRECAUTIONS
None